



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Low Profile High Current Power Inductors

For Standard, Automotive, and Industrial Applications

Abrakon introduces multiple series of next generation power inductors optimized for a wide range of applications from high power automotive and industrial grade to medium power low profile solutions down to ultra-compact wearable devices, and IoT. The product line features miniature chip inductors in packages as small as 1.6 x 0.8 x 0.8mm with RMS current carrying up to 5A and automotive grade inductors with up to 118A of saturation current. The automotive grade inductors support AEC-Q200 grade 0 or 1 (-55°C to 155°C or -40°C to +125°C), PPAP level 3 and TS-16949 qualified manufacturing.

AUTOMOTIVE

Navigation
Body electronics & comfort system
Infotainment & entertainment

APPLICATIONS

Transportation Lighting, LED ballasts Solar inverters & solar power Battery Operated Devices	Audio & Video Motor control Industrial applications Medical & medical monitoring	IoT/Industrial IoT (IIoT) Drones & Robotics Energy Efficient Lighting DC/DC converters & switch mode power supplies
---	---	--

COMPACT MINIATURE

ASPI-U | Ultra performance wire-wound power inductor



2.5 x 2.0 x 1.0
2.0 x 1.6 x 1.0

Current Range (A): 1.30 - 10.0
Inductance Range (µH): 0.12 - 4.70

ASPI-M | Low profile high current inductors



2.5 x 2.0 x 1.2
3.0 x 3.0 x 1.5

Current Range (A): 1.30 - 8.0
Inductance Range (µH): 0.24 - 10.0

ASMPL | Low profile multilayer power inductor



1.6 x 0.8 x 0.5
2.0 x 1.25 x 0.5

Current Range (A): 0.35 - 1.45
Inductance Range (µH): 0.22 - 2.20

ASMPM | Metal alloy multilayer high power chip inductor



2.0 x 1.6 x 1.0

Current Range (A): 1.10 - 3.60
Inductance Range (µH): 0.47 - 4.70

ASPIAIG-F | Shielded SMD power inductor



As small as
4.1 x 4.1 x 1.9 (sizes vary)

Current Range (A): 4.40 - 36.0
Inductance Range (µH): 0.10 - 8.20

ASPIAIG-S4035 | AIG shielded SMD power inductor



4.0 x 4.0 x 3.5

Current Range (A): 0.55 - 6.90
Inductance Range (µH): 1.0 - 150.0

ASPIAIG-Q(LR)4020 | AIG molded power inductor



4.1 x 4.1 x 1.9

Current Range (A): 3.50 - 33.0
Inductance Range (µH): 0.10 - 4.70

ASPIAIG-F1x | AIG molded power inductor



11.0 x 10.0 x 3.8
13.5 x 12.5 x 6.2

Current Range (A): 2.50 - 118.0
Inductance Range (µH): 0.15 - 82.0

AUTOMOTIVE GRADE